

**THE LIMESTONE COUNTY COMMISSION HAS AN OPENING FOR:**

**MECHANIC**  
**PAVING CREW**

**Alabama Career Center  
2535 Sparkman Dr. NW  
Huntsville, AL  
Phone: (256) 851-0537**

**Or**

**Limestone County Commission  
310 W. Washington St.  
Athens, AL  
Phone: 256-233-6400**

**MONDAY THROUGH FRIDAY, 8:00 A.M. UNTIL 4:30 P.M.**

**SEE ATTACHED JOB DESCRIPTION FOR TYPICAL DUTIES AND  
RESPONSIBILITIES.**

**SALARY \$18.18 PER HOUR**

**APPLICATION WILL BE ACCEPTED THROUGH FRIDAY  
AUGUST 6, 2021.**

**AN EQUAL OPPORTUNITY EMPLOYER (M/F/V/D)**

# **Limestone County**

## **JOB DESCRIPTION**

**Job Title:**                   **Mechanic/Equipment Operator III**

**Department:**           Paving and Road Maintenance

**FLSA:**                   Nonexempt

**Grade:** VIII

**Job Description Prepared:**       January 2013

**Note:** Statements included in this description are intended to reflect in general the duties and responsibilities of this job and are not to be interpreted as being all-inclusive. The employee may be assigned other duties that are not specifically included.

### **Relationships**

**Reports to:**                   County Engineer

**Subordinate Staff:**       None

**Other Internal Contacts:**   District Foremen; Engineering Personnel; Other District Crews; Animal Control Officer, Herbicide Crew; Other Equipment Operators; Other Departments

**External Contacts:**       General Public; Parts Supply Companies; Vendors; Equipment Dealers

### **Job Summary**

Under the direction of the Paving Crew Foreman, the employee performs primary duties as a heavy equipment Mechanic and secondary duties as an Equipment Operator III. **Mechanic:** Performs skilled tasks in mechanical repair and maintenance of gasoline and diesel powered automotive and heavy equipment using standard practices and equipment of the automotive trade. Employee uses independent judgment in diagnosing equipment problems after receiving oral instructions from supervisor. Supervisor may check work during repair or test running conditions after work is completed. Also performs hydraulic repairs and

welding activities as required. Equipment Operator III: Operates various types of heavy equipment in the completion of highly complex and difficult construction and maintenance activities on County roads and bridges. Performs maintenance inspections on assigned equipment, notifies foreman of equipment failures, and may assist with repairs. Occasionally performs routine manual labor and may also perform other general department duties as assigned.

## Job Domains

### **A. Heavy Equipment Maintenance**

1. Discusses equipment/vehicle malfunctions with operator/driver.
2. Analyzes, diagnoses and tunes diesel engines including testing, repair and replacement of defective parts or entire assemblies on heavy equipment and other diesels.
3. Removes, disassembles and rebuilds major units such as engines, transmissions, and differentials; inspects parts for wear.
4. Repairs or replaces parts such as pistons, rods, gears and bearings.
5. Overhauls or replaces carburetors, generators, radiators, alternators, starters, distributors and pumps.
6. Rewires ignition systems, lights and instrument panels.
7. Turns brake drums, realigns and adjusts brakes, aligns front ends, repairs or replaces shock absorbers.
8. Repairs and replaces hydraulic lines.
9. Disassembles, repairs and replaces hydraulic pumps.
10. Disassembles, replaces and repairs hydraulic cylinders, controls, and valves.
11. Replaces switchers, lights, brakes, starters, generators, water pumps and other equipment components.
12. Replaces and adjusts headlights and installs or repairs accessories such as air conditioners, heaters, mirrors and wipers.
13. Replaces or repairs major components, attachments or implements such as blades, tracks, compressors booms, etc.
14. Tests overhauled equipment to ensure operation efficiency.
15. Researches and orders necessary parts for repair work.
16. Drives service truck to job site to diagnose equipment problems.
17. Performs thorough safety inspection of equipment and repair site to ensure all repairs can be conducted safely.
18. Performs diesel/heavy equipment repairs on job sites as required.
19. Performs routine safety and maintenance checks before and after using service vehicle.
20. Performs additional repairs and maintenance as needed.

**B. Welding**

1. Welds metal parts as specified by layout, welding diagram or work order.
2. Fabricates metal parts, plates or other structural shapes to facilitate equipment repair.
3. Repairs broken or cracked frames, bars, plates and other metal objects.
4. Uses cutting torch as needed for repairs and fabrication.
5. Fills holes and builds up metal parts.
6. Operates, inspects and maintains equipment such as oxygen/acetylene and electric arc welder.

**C. Heavy Equipment Operation**

1. Performs the full range of operations with bulldozer, excavator, motor grader, front-end loader, scraper, roller, self-propelled chip spreader, tractor, trailer, brush cutter, backhoe, track hoe, ditching machine, crane and other types of heavy equipment.
2. Operates bush cutter mounted on motor grader.
3. Operates shoulder machine, broom, asphalt maintainer and other pavement maintenance equipment.
4. Operates equipment such as dump truck and light tractor.
5. Provides oversight and directs the work of other personnel in complex construction and maintenance projects.
6. Advises foreman on capabilities and best utilization of various types of heavy equipment.
7. Performs daily and monthly safety and maintenance vehicle inspections on assigned equipment prior to operation.
8. Monitors gauges and other indicators during equipment operation for non-standard conditions.

**D. Manual Labor**

1. Uses a chain saw to cut trees and bushes from Right of Way.
2. Picks up and piles brush, refuse and other materials.
3. Uses bush axe to perform various task.
4. Patches holes in roads.
5. Assists with bridge inspections.
6. Assists road crew as needed.
7. Performs minor carpentry and concrete work to repair bridges, etc.
8. Maintains time card.
9. Performs other duties as assigned.

## Knowledge, Skills and Abilities

(\* Can be acquired on the job)

1. \*Knowledge of county rules, regulations, policies and procedures.
2. \*Knowledge of county road and bridge systems.
3. Knowledge of safety rules including accident causation and prevention.
4. Knowledge of traffic regulations.
5. Extensive knowledge of heavy equipment maintenance, malfunction diagnostics and repair.
6. Substantial knowledge of practices applied in the use of a wide variety of heavy equipment for various maintenance and construction operations.
7. Highly skilled in the operation of equipment assigned to permit maximum utilization of equipment capability; skill in operation of a wide variety of heavy equipment.
8. Reading skills to understand operator/maintenance manuals, directives, procedures and instructions.
9. Verbal skills to communicate effectively with supervisor and co-workers.
10. Writing skills to clearly and neatly complete routine forms and records.
11. Math skills to perform basic calculations (add, subtract, multiply, divide).
12. Skills in the use of hand and machine tools and equipment used in automotive and heavy equipment repair.
13. Skills in the use of major items of electronic and mechanical shop equipment and machinery.
14. Skills in analyzing and diagnosing problems in automotive and heavy construction equipment.
15. Ability to use various types of welding equipment.
16. Ability to use measuring instruments and to read equipment gauges.
17. Ability to read and understand technical manuals and drawings.
18. Ability to drive and safely operate equipment.
19. Ability to work well with co-workers.
20. Ability to work independently with minimal supervision.
21. Ability to work under extreme weather conditions.
22. Ability to move/lift objects greater than 50 lbs.
23. Ability to wear and utilize safety equipment, as required.

## Minimum Qualifications

1. Possession of a high school diploma or GED.
2. Three-to-four years mechanic experience with heavy equipment.
3. Two-to-three years of experience as an equipment operator
4. Possession of a current and valid Alabama Class B CDL required.
5. Ability to work non-standard hours, overtime and weekends as needed.

6. Ability to be on-call.

### Work Environment

The work environment involves high risks with exposure to potentially dangerous situations or unusual environmental stress which require a range of safety and other precautions, e.g. working at great heights under extreme weather conditions, subject to physical attack or mob conditions, or similar situations where conditions cannot be controlled.

### Physical Demands

The work requires considerable and strenuous physical exertion such as frequent climbing of tall ladders, lifting heavy objects over 50 lbs., crouching or crawling in restricted areas, and defending oneself or others from physical attack.